

# **Progress on selecting and flagging of accessions for the European Collection (AEGIS)**

Switzerland

# Progress status

Progress status	Yes	No
Not initiated the selection process	X	
Gene bank/collection holder has recommended accessions for the inclusion into the European Collection		X
Candidate accessions approved by the National coordinator		X
Candidate accessions flagged in the gene banks/collection holders data base		X
Accessions flagged in EURISCO		X

# Approach that has been used/will be used for selection of candidate accessions

- Use of candidates currently listed in the Swiss inventory of plant genetic resources ([www.bdn.ch](http://www.bdn.ch))
- Formation of a diverse core collection under consideration of morphological data (already assessed for most accessions) and data of agronomic performance (data accession completed 2018).
- Flagging of accessions from the core collection for AEGIS (2018)
  - Try to catch most of the variation present
  - Smaller set of accessions for which we can really guarantee long term (>25 years) conservation

# Number of Accessions

Genus	Total in EURISCO	Suggested by genbank manager/collection holder	Approved by National Coordinator	Flagged in EURISCO
Lolium	62	20?	-	-
Dactylis	11	10?	-	-
Festuca	132	40?	-	-
Poa				
Phleum				
Trifolium	104	25?	-	-
Medicago				
Vigna				
Total number				

# Main obstacles for AEGIS flagging

- Try to flag only the most diverse material (core collection)
  - Yet data acquisition is not complete to do final decisions
- Long term conservation of forage accessions is expensive (e.g. regular seed multiplication) and not institutionalized in Switzerland
  - No use to flag hundreds of accessions for which long-term conservation cannot be guaranteed (quality vs. quantity)

# Future plans

- Finished data acquisition for nationally listed accessions by 2018
- Definition of core collections
- AEGIS flagging in 2019 (yet to be discussed to which extent)

# Forage *In Situ* Activities

Country		Forage taxa				
		List of Priority Forage taxa	Gap analysis undertaken	<i>Ex situ</i> cons. of priority taxa	<i>In situ</i> cons. of priority taxa	On-farm cons. of priority taxa
Switzerland	Forage plant inventory (in situ part of <a href="http://www.bdn.ch">www.bdn.ch</a> )	Yes (those searchable under "Category" in search menu of BDN)	no	Partial (those in situ sites where a link to an accession is given)	Under discussion at a political level	In situ = on farm in the case of forage plants

Please complete with Yes / Partial / No (or if necessary other text)